

537,561

Rec'd PCT/PTO 03 JUN 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number
WO 2004/051194 A1

(51) International Patent Classification⁷: G01D 5/165 (74) Agent: MARKS & CLERK; Alpha Tower, Suffolk Street
Queensway, Birmingham B1 1TT (GB).

(21) International Application Number:
PCT/GB2003/005125

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:
25 November 2003 (25.11.2003)

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

Published:

— with international search report

(26) Publication Language: English

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

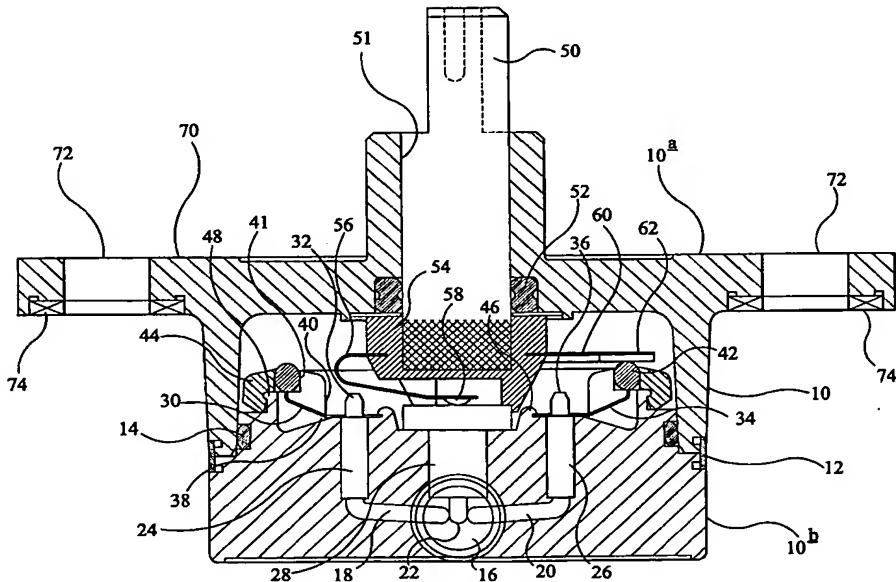
(30) Priority Data:
0228392.7 5 December 2002 (05.12.2002) GB

(71) Applicant (for all designated States except US): PENNY & GILES CONTROLS LIMITED [GB/GB]; Nine Mile Industrial Estate, Cwmfelinfach, Crosskeys NP1 7HZ (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): THOMPSON, David [GB/GB]; 11 Trefoil Way, Christchurch, Dorset BH23 4UG (GB).

(54) Title: TRANSDUCER



WO 2004/051194 A1

(57) Abstract: A transducer in the form of a potentiometer provides an output signal indicative of a position of a component. The potentiometer comprises a body, a member moveable relative to the body and having an end portion for coupling to the component, and a resistor mounted to the body. A wiper is coupled to the member and forms a slidable electrical contact to the resistor. The potentiometer also comprises a contactor means for providing selectable contact positions to the resistor of respective first and second electrical conductors, so as to provide a selected operating section of said resistor.